



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Young-Hoon Park et al.

Application No.: 10/582,196

Filing Date: June 9, 2006

Title: E.COLI MUTANT CONTAINING  
MUTANT GENES RELATED WITH  
TRYPTOPHAN BIOSYNTHESIS AND  
PRODUCTION METHOD OF  
TRYPTOPHAN BY USING THE SAME

) MAIL STOP PCT

) Group Art Unit:

) Examiner:

) Confirmation No.: 4004

REPLY TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☒ A Petition Under 37 C.F.R. 1.182 is enclosed.
- ☐ \_\_\_\_\_ Terminal Disclaimer(s) and the ☐ \$ 65 ☐ \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- ☒ Also enclosed is/are: copy of Declaration/Power of Attorney filed 6/11/2008
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$ 405 ☐ \$ 810 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted \_\_\_\_\_ on \_\_\_\_\_ for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least \_\_\_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	3	20	0	x \$ 50 (1202)	\$ 0
Independent Claims	1	3	0	x \$ 210 (1201)	0
<input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 370 (1203)					\$ 0
<b>Total Claim Amendment Fee</b>					<b>\$ 0</b>
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					0
<b>TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT</b>					<b>\$ 0</b>

- ☒ Charge 130.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date July 9, 2008

By: *BD Boone* Reg. No 52,635  
Brian P. O'Shaughnessy  
Registration No. 32747

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	<b>MAIL STOP PCT</b>
Young-Hoon Park et al.	)	
Application No.: 10/582,196	)	Group Art Unit:
Filing Date: June 9, 2006	)	Examiner:
Title: E.COLI MUTANT CONTAINING	)	Confirmation No.: 4004
MUTANT GENES RELATED WITH	)	
TRYPTOPHAN BIOSYNTHESIS AND	)	
PRODUCTION METHOD OF	)	
TRYPTOPHAN BY USING THE SAME	)	

REPLY TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a reply for the above-identified patent application.

- ☒ A Petition Under 37 C.F.R. 1.182 is enclosed.
- ☐ \_\_\_\_\_ Terminal Disclaimer(s) and the ☐ \$ 65 ☐ \$ 130 fee per Disclaimer due under 37 C.F.R. § 1.20(d) are enclosed.
- ☒ Also enclosed is/are: copy of Declaration/Power of Attorney filed 6/11/2008
- ☐ Small entity status is hereby claimed.
- ☐ Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the ☐ \$ 405 ☐ \$ 810 fee due under 37 C.F.R. § 1.17(e).
- ☐ Applicant(s) requests that any previously unentered after final amendments not be entered. Continued examination is requested based on the enclosed documents identified above.
- ☐ Applicant(s) previously submitted \_\_\_\_\_ on \_\_\_\_\_ for which continued examination is requested.
- ☐ Applicant(s) requests suspension of action by the Office until at least \_\_\_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- ☐ A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (1809/2809) is also enclosed.

- ☒ No additional claim fee is required.
- ☐ An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	No. of Claims	Highest No. of Claims Previously Paid For	Extra Claims	Rate	Additional Fee
Total Claims	3	20	0	x \$ 50 (1202)	\$ 0
Independent Claims	1	3	0	x \$ 210 (1201)	0
<input type="checkbox"/> If Amendment adds multiple dependent claims, add \$ 370 (1203)					\$ 0
<b>Total Claim Amendment Fee</b>					<b>\$ 0</b>
<input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Claim Amendment Fee					0
<b>TOTAL ADDITIONAL CLAIM FEE DUE FOR THIS AMENDMENT</b>					<b>\$ 0</b>

- ☒ Charge 130.00 to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date July 9, 2008

By: SD Boone Reg. No 52635  
Brian P. O'Shaughnessy  
Registration No. 32747

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	<b>MAIL STOP</b>
Young-Hoon Park et al.	)	Group Art Unit:
Application No.: 10/582,196	)	Examiner:
Filed: June 9, 2006	)	Confirmation No.: 4004
For: E.COLI MUTANT CONTAINING	)	
MUTANT GENES RELATED WITH	)	
TRYPTOPHAN BIOSYNTHESIS AND	)	
PRODUCTION METHOD OF	)	
TRYPTOPHAN BY USING THE SAME	)	

**PETITION UNDER 37 C.F.R. §1.182**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants petition to correct the record and resolve an ambiguity in the lineage of the referenced application. Specifically, Applicants ask the U.S. Patent and Trademark Office to correct its records to confirm that Applicants intended to request entry into the national stage of international application No. "PCT/KR2004/003030."

**BACKGROUND**

On June 6, 2008 the USPTO issued a "DECISION." The Decision notes an inconsistency, and thus an ambiguity, between the pendency of international application PCT/KR2004/003030, and Applicants' request for entry into the national stage of PCT/KR2004/00303.

Applicants, working with their prior counsel, instructed counsel to request entry into the national stage of international application No. PCT/KR2004/003030. This request was made by Applicants in a letter dated May 30, 2006. Notwithstanding that request, and apparently inadvertently and without deceptive intent, Applicants' counsel requested entry into the national stage in the U.S. of international application No. PCT/KR2004/00303.

Applicants respectfully submit that such error occurred without any deceptive intention on

07/10/2008 AWOHDAF1 00000094 024800 10582196  
01 FC:1464 130.00 DA

Applicants' part, and that Applicants were not aware of the error until the issuance of the June 6, 2008 Decision. Applicants have since reviewed the request and have confirmed that the international application number designated on the request is in fact PCT/KR2004/00303.

Nonetheless, Applicants confirm that it was their intention to request entry into the national stage of international application No. PCT/KR2004/003030.

REQUEST FOR RELIEF

Applicants accordingly request that the USPTO modify its records to reflect Applicants' intention to request entry into the national stage of PCT/KR2004/003030, and that the PTO records be modified to reflect that intention. In particular, Applicants request that their documents submitted June 9, 2006, and which contained the aforementioned typographical error, be modified and/or treated as a request to entry the national stage for international application no. PCT/KR2004/003030. If Applicants are required to submit any additional documentation, Applicants encourage the PTO to contact Applicant's representative at the number provided below to request such information or documentation.

Also enclosed is a copy of a Power of Attorney to Customer Number 21839 (Buchanan Ingersoll & Rooney PC) previously filed with the USPTO on June 11, 2008.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date:

July 9, 2008

By:

  
Brian P. O'Shaughnessy  
Registration No. 32747

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

**COURTESY  
COPY**



Attorney Docket No. 0056986-000003

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY OR DESIGN PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**E. COLI MUTANT CONTAINING MUTANT GENES RELATED WITH TRYPTOPHAN  
BIOSYNTHESIS AND PRODUCTION METHOD OF TRYPTOPHAN BY USING THE  
SAME**

the specification of which (check only one item below):

- ☐ is attached hereto.
- ☒ was filed as United States Patent Application Number 10/582,196  
on June 26, 2006 and was amended on \_\_\_\_\_ (if applicable).
- ☐ was filed as PCT International Application Number \_\_\_\_\_  
on \_\_\_\_\_ and was amended on \_\_\_\_\_ (if  
applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application of which priority is claimed:

Country (if PCT, indicate "PCT")	Prior Foreign Application Number(s)	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
WIPO	PCT/KR2004/003030	11/23/2004			X
Korea	10-2003-0091398	12/15/2003			X

**COURTESY  
COPY**

AL3  
6/11/08

**COURTESY  
COPY**

Attorney Docket No. 0056986-000003

I hereby appoint the practitioners associated with the following PTO Customer Number of Buchanan Ingersoll & Rooney PC as my attorney(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Customer Number **21839**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>FULL NAME OF SOLE OR FIRST INVENTOR</b>	Young-Hoon PARK
Signature	<i>Young H.</i>
Date	<i>January 21, 2008</i>
Residence (City, State, Country)	Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
Citizenship	Republic of Korea
Mailing Address	111-102 Mujigaedaerim Apt.
City, State, ZIP, Country	Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-703 Republic of Korea
<b>FULL NAME SECOND INVENTOR, IF ANY</b>	Sang-jo LIM
Signature	<i>Sangjo</i>
Date	<i>Jan. 21, 2008</i>
Residence (City, State, Country)	Yongin-si, Gyeonggi-do, Republic of Korea
Citizenship	Republic of Korea
Mailing Address	103-1602, Dongseong 1 cha Apt., 501,
	Jukjeon 2-dong
City, State, ZIP, Country	Yongin-si, Gyeonggi-do, 449-845
	Republic of Korea
<b>FULL NAME OF THIRD INVENTOR, IF ANY</b>	Byoung-Hoon KIM
Signature	<i>Byoung H.</i>
Date	<i>Jan. 21, 2008</i>
Residence (City, State, Country)	Mansu 1-dong, Namdong-gu, Incheon,
	Republic of Korea
Citizenship	Republic of Korea
Mailing Address	305-1205, Samhwan Apt., 2 danji
City, State, ZIP, Country	Mansu 1-dong, Namdong-gu, Incheon, 405-741
	Republic of Korea

**COURTESY  
COPY**



**COURTESY  
COPY**

Attorney Docket No. 0056986-000003

<b>FULL NAME OF FOURTH INVENTOR, IF ANY</b>	Seong-Jun KIM
Signature	<i>Seong-Jun</i>
Date	<i>January 21, 2008</i>
Residence (City, State, Country)	Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea
Citizenship	Republic of Korea
Mailing Address	307-1001, Pungnimsin Apt.
City, State, ZIP, Country	Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do, 441-390 Republic of Korea
<b>FULL NAME OF FIFTH INVENTOR, IF ANY</b>	Ho-Soo LIM
Signature	<i>Ho-Soo</i>
Date	<i>January 21, 2008</i>
Residence (City, State, Country)	Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea
Citizenship	Republic of Korea
Mailing Address	Deokpyeong 1-2ri
City, State, ZIP, Country	Majang-myeon, Icheon-si, Gyeonggi-do, 467-812 Republic of Korea

**COURTESY  
COPY**